

9th Class 2019

Chemistry

Group-I

Paper-I

Time: 15 Minutes

(Objective Type)

Max. Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill the circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- The number of elements in fourth period is:
(a) 8 (b) 10
(c) 18 ✓ (d) 32
- 2- Which one of the following is strong electrolyte:
(a) Sugar solution (b) Benzene
(c) Solution of Ca(OH)_2 (d) Solution of NaOH ✓
- 3- One atm pressure is equal to how many Pascals:
(a) 101325 ✓ (b) 10325
(c) 10523 (d) 10235
- 4- The scientist who discovered proton:
(a) Chadwick (b) Thomson
(c) Goldstein ✓ (d) Bohr
- 5- Which one of the following is solid in gas solution:
(a) Smoke in air ✓ (b) Butter
(c) Brass (d) Fog
- 6- The non-metal which is present in group 15 of periodic table:
(a) Carbon (b) Sulphur
(c) Nitrogen ✓ (d) Iodine
- 7- Who presented law of octaves:
(a) Dobereiner (b) Newlands ✓
(c) Moseley (d) Mendeleev
- 8- The bond formed due to mutual sharing of electrons is called:
(a) Ionic (b) Covalent ✓
(c) Metallic (d) Coordinate

- 9- Boiling point of sodium chloride is:
- (a) 800°C (b) 1013°C
(c) 1213°C (d) 1413°C ✓
- 10- Oxidation Number of hydrogen in metal hydrides is:
- (a) -1 ✓ (b) $+1$
(c) -2 (d) $+2$
- 11- The element which occurs in liquid state at room temperature:
- (a) Zinc (b) Sodium
(c) Hydrogen (d) Mercury ✓
- 12- The volume in cm^3 of solute dissolved in 100 grams of solution is called:
- (a) % m/m (b) % m/v
(c) % v/m ✓ (d) % v/v